

AIRSPEEDS FOR EMERGENCIES

Engine Failure After Takeoff --	WING FLAPS UP	70 KIAS
	WING FLAPS DOWN	65 KIAS
Maneuvering Speeds --	2950 lbs.	110 KIAS
	2450 lbs.	100 KIAS
	1950 lbs.	89 KIAS

Maximum Glide -- 70 KIAS No Flaps

Landing Without Engine Power --	WING FLAPS UP	70 KIAS
	WING FLAPS DOWN	65 KIAS

ENGINE FAILURES**DURING TAKEOFF:**

1. Throttle -- IDLE
2. Brakes -- APPLY
3. Wing Flaps -- RETRACT
4. Mixture -- IDLE CUT-OFF
5. Ignition Switch -- OFF
6. Master Switch -- OFF

AFTER TAKEOFF:

1. Mixture -- IDLE CUT-OFF
2. Fuel Selector Valve -- OFF
3. Ignition Switch -- OFF
4. Wing Flaps -- AS REQUIRED (40* Recommended)

DURING FLIGHT:

1. Airspeed -- 70 KIAS
2. Carburetor Heat -- ON
3. Fuel Selector -- BOTH
4. Mixture -- RICH
5. Primer -- IN AND LOCKED
6. Ignition Switch -- BOTH (or Start if Propeller is Stopped)

FORCED LANDINGS**EMERGENCY LANDING WITHOUT ENGINE POWER:**

1. Airspeed -- 70 KIAS (Flaps up) 65 KIAS (Flaps Down)
2. Mixture -- IDLE CUT-OFF
3. Fuel Selector Valve -- OFF
4. Ignition Switch -- OFF
5. Wing Flaps -- AS REQUIRED (40* Recommended)
7. Master Switch -- OFF
8. Doors -- UNLATCHED PRIOR TO TOUCHDOWN
9. Brakes -- APPLY HEAVILY

DITCHING

1. Radio -- **TRANSMIT MAYDAY** on 121.5 Giving location and intentions and **SQUAWK 7700.**
2. Heavy Objects (in baggage area) -- **SECURE OR JETTISON**
3. Flaps -- **20* ~ 40***

CONT.

4. Power -- **ESTABLISH 300 FT. DESCENT** at 60 KIAS
5. Approach -- High Winds, Heavy Seas -- **INTO THE WIND**
Light Winds, Heavy Swells -- **PARALLEL TO SWELLS**
6. Cabin Doors -- **UNLATCH**
7. Touchdown -- **LEVEL ATTITUDE AT ESTABLISHED DESCENT.**
8. Face -- **CUSHION** at Touchdown with Folded Coat
9. Airplane -- **EVACUATE** Through Cabin Door. If Necessary open Window and Flood Cabin to Equalize Pressure to Open Doors.
10. Life Vests and Raft -- **INFLATE**

NOTE-- *If no Power is available, approach at 70 KIAS with Flaps up or at 65 KIAS with 10* Flaps.*

FIRES

ENGINE FIRE IN FLIGHT

1. Mixture -- **IDLE CUT-OFF**
2. Fuel Selector Valve -- **OFF**
3. Master Switch -- **OFF**
4. Cabin Heat and A/C -- **OFF** (Except Overhead Vents)
5. Airspeed -- **100 KIAS** Increase Airspeed until fire is Extinguished
6. Force Landing -- **EXECUTE** as Described above.

ELECTRICAL FIRE IN FLIGHT

1. Master Switch -- **OFF**
2. Avionics Power Switch -- **OFF**
3. All Other Switches (Except Ignition Switch) -- **OFF**
4. Vents / Cabin Air / Heat -- **CLOSED**
5. Fire Extinguisher -- **ACTIVATE** (If Available)

WARNING

After Discharging Extinguisher Within a Closed Cabin, Ventilate the Cabin.

If fire Seems Out and Electrical Power is Required to Continue the Flight.

6. Master Switch -- **ON**
7. Circuit Breakers -- **CHECK FOR FAULTY CIRCUIT** (Do Not Reset)
8. Radio Switches -- **OFF**
9. Avionics Power Switch -- **ON**
10. Radio Electrical Switches -- **ON** One at a Time, with a Delay After Each Until Short Circuit is Localized.
11. Vents / Cabin Air / Heat -- **OPEN** When Your Sure the Fire is Out

CABIN FIRE

1. Master Switch -- **OFF**
2. Vents / Cabin Air / Heat -- **CLOSED** (To Avoid Drafts)
3. Fire Extinguisher -- **ACTIVATE** (If Available)
4. **Land** the Plane as soon as possible to inspect for damage

WARNING

After Discharging Extinguisher Within a Closed Cabin, Ventilate the Cabin.

